

ecology and environment, inc.

6440 HILLCROFT AVENUE, HOUSTON, TEXAS 77081, TEL. 713/771-9460

International Specialists in the Environment

CERCLIS#:TXD982305195

Removal Funded Report

For

Grant Road Drum Site Houston, Harris County, Texas

Prepared for EPA - Region VI Emergency Response Branch

J. Chris Petersen Deputy Project Officer

Ву

Ecology and Environment, Inc. Technical Assistance Team

3 July 1990



ecology and environment, inc.

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CERCLIS #: TXD982305195

DATE: 3 July 1990

TO: Gary Guerra, OSC

EPA Region 6, Emergency Response Branch

THRU: J. Chris Petersen, DPO

EPA Region 6, Emergency Response Branch

THRU: Kishor Fruitwala, TATL

Region 6, Technical Assistance Team

FROM: Neil M. Zeigler, TAT

Region 6, Technical Assistance Team

SUBJ: Removal Funded Action

Grant Road Drum Site

Harris County, Houston, Texas

TDD #: T06-8911-16 PAN #: TTX0587RFB

Attached is a copy of the Grant Road Drum Site Draft After Action Report along with the supplemental site data shown in the attachment listing.

Attachments:

Draft After Action Report
Topographic Quadrangle Map
Site Sketch
Photograph Documentation
POLREPS
Logbook Copies
Records of Communication
Copy TDD#: T06-8911-16 and Ammendments
Site File

I. Summary of Events

A. Location of Release

The release of CERCLA designated waste occurred north of Grant Road and west of State Route 249 in the northern portion of Houston, Harris County, Texas. The property is a generally flat, heavily vegitated lot. The site consists of two separately owned and properties owned by R.R. Betz Interests, Inc. and Power Pak, Inc.

B. Cause of the Release

The site became a release as the result of a midnight dumping in 1987.

C. Initial Situation

During the initial investigation on 25 June 1987, the Technical Assistance Team (TAT) identified approximately fifty drums in the The drums were in various heavily wooded area. stages Some of the drums were marked as "Anhydrous deterioration. Aluminum Chloride". While none appeared to be leaking, several were open. Composite soil samples were collected from near the drums on 29 June 1987. While acid/base neutral analysis inconclusive, the metal analysis showed elevated concentrations The EPA and TAT conducted mercury and zinc. sampling operations on 22 September 1987. The results indicated that xylene, toluene, trichloroethene, lead, chromium and non-specific organic compounds were present. Following assessments, in accordance with the National Contingency Plan (NCP), the EPA On-Scene Coordinator (OSC) determined that potential imminent and substantial threat to the public health and welfare did exist due to the presence of the deteriorating drums.

D. Efforts to Obtain a PRP Response

In late spring of 1987, the EPA contacted the R.R. Betz Co. to inform them of the presence of the deteriorating drums and to determine their intentions concerning the remediation of the site. After a more careful examination of property lines, it was determined that the site was partially owned by the R.R. Betz Co., and partially owned by Power Pak Inc. On 31 August 1988 Power Pak told the EPA that it claimed no responsibility for the waste but stated they "will do their best" to comply with the EPA request to clean up the site.

On 22 November 1988 after a lengthy discourse with EPA-OSC David Dodgen concerning appropriate action for the site. the R.R. Betz Co. informed the EPA of their intentions to conduct the removal themselves and requested time to get bids from contractors. On 29 1989 R.R. Betz Co. chose ENACT to perform the site On 16 October 1989 the EPA was informed by Mr. Gerald K. Payte, an attorney in Houston Texas, that Power Pak Co. Inc. would be unable to comply with the administrative order to remediate the site because of the excessive costs of removal because the drums were illegally dumped upon his property. Power Pak did, however, state that they would allow the EPA access to the property if they wished to perform a removal. (OSC input required)

On 15 November 1989 OSC Guerra met with Mr. Kent Van Riper ENACT and observed the overpacking and securing of 17 drums the Betz property. On 22 November 1989 OSC Guerra contacted Gerald Payte, the attorney for Power Pak Inc., and confirmed the fact that they were allowing the EPA access to the property where were located. On 13 December 1989 the R.R. Betz Co. the drums submitted a workplan to EPA-OSC Guerra for site remediation disposal. On 9 March 1990 proposing to use ELTEX for the waste informed OSC Guerra that the site remained secure R.R. Betz Co. but that their environmental consultant. Gene Kliewer. moved from ENACT to ACS Labs, and that ELTEX had refused the waste they were trying to dispose of. Rollins Environmental Services of Deer Park Tx. was reviewing the waste stream for acceptance. As of 18 May 1990, the PRP R.R. Betz Co. is waiting for approval from Rollins, Inc. to dispose of their waste stream.

E. Organization of the Response

The Texas Water Commission (TWC) performed the initial site investigation in May of 1987. They were not, however, willing to commit state funds for the cleanup of the site due to higher priorities at other sites. The TWC met with the EPA and TAT on 29 June 1987 for an on-site inspection. (OSC input required)

F. Resources committed

The OSC for the site was initially David Dodgen, OSC Gary Guerra assumed responsibility for the site in the fall of 1989 after OSC EPA. On 21 November 1989 a delivery order Dodgen left the was issued to the Emergency Response Clean-up Services (ERCS) Riedel Environmental Services for the \$100,000.00 to provide manpower, equipment and services for the removal effort.

A Technical Direction Document (TDD) authorizing man-hours and (b) (4) was issued to the Technical Assistance Team (TAT) contractor Ecology and Environment, Inc. on 22 November 1989. A total of \$47,100.00 was alloted for intramural costs. The total costs of the actions taken as of 19 June 1990 were as follows: ERCS Riedel Environmental: \$54,153.59, TAT Ecology and Environment: \$5,421.94, other: \$2,595. (Final Cost Requires OSC Input)

G. Contacts Regarding Effects Upon Natural Resources

No injury to the designated natural resources was observed. Notice of damage to natural resource trustees was not released because no damage occurred. (OSC input required)

I. Threat Abatement Actions

A summary of the type and quantity of materials removed on 19 June 1990 from the property of Power Pak, Inc. are as follows: four - 55 gal. drums classified as waste flammable liquid, four - 55 gal. drums classified as hazardous waste liquid, and twenty-three - 55 gal. drums classified as hazardous waste solid/liquid.

On 27 November 1989 the EPA OSC, TAT and ERCS met at the Grant Road Site to reconfirm the scope of work. Full scale mobilization began at this time.

A command post was established and ERCS began to clear the brush and locate drums. TAT performed initial air monitoring, with the OVA, recording nothing above background levels in the breathing zone. A total of twenty-eight (28) drums were located and access to them cleared by the afternoon. Seventeen (17) drums that had been overpacked by the PRP were also located and documented. A "roadway" had been cleared through the vegetation to facilitate drum handling and staging operations.

The drums were in fair condition, however, some were open and had accumulated rain water. On 28 November 1989 overpacking operations were performed by ERCS without incident. None of the drums were leaking and only one area showed signs of The open drums that contained liquid were carefully overpacked using the fork-lift to avoid any spillage. staged on a concrete pad that was located overpacked drums were on site. The drums were numbered for identification and sampling purposes.

On 29 November 1989 ERCS prepared for drum sampling operations. A portable hood and lab bench was set up for hazard categorization. Drum sampling was performed in Level B. Sampling was completed without incident and the drums were finally staged in a cleared area.

Hazard Categorization tests were performed on all the drum contents and samples were sent to a private laboratory for analysis. A list of the hazard categorization results and the analytical results are attached. ERCS excavated potentially contaminated soil from the areas where the drums had been. The soil was placed in 55 gallon drums and staged with the overpacked drums. After the excavation of these areas, TAT collected four composite soil samples for cleanup confirmation. These samples were signed over to ERCS to be sent to the lab along with the samples of the drum contents.

The following day ERCS erected a chain link fence around the overpacked drums for security purposes. The site was cleaned up and preparations for demobilization were made.

J. Treatment/Disposal/Alternative Technology Approaches

Non-innovative technologies were employed for this removal action.

(OSC input required)

- K. Public Information/ Community Relations Activities (OSC input required)
- II. Effectiveness of Removal Actions
- A. Actions Taken by Responsible Parties

The potentially responsible party (PRP) for the northern portion of the site, R.R. Betz, Inc. (18 drums) has maintained contact with the EPA-OSC. As of 18 May 1990 the R.R. Betz Co. has had 17 of the 18 drums overpacked and are waiting for approval for disposal of the waste stream from Rollins Environmental Services of Deer Park, Texas. The drums remain secured on site.

The PRP for the southern portion of the site (31 drums), Power Pak, Inc. told the EPA on 16 October 1989 that they will be unable to comply with the administrative order because of the excessive cost of removal. They did, however allow the EPA complete access to their property in order to perform the removal actions.

B. Actions Taken by State and Local Forces

The Texas Water Commission (TWC) did the initial site investigation and met with the EPA and TAT for an on-site inspection.

C. Actions Taken by Federal Agencies and Special Teams

The EPA Emergency Response Branch (ERB) provided the lead for this CERCLA funded removal action. The duties of the OSC included coordinating with state agencies, monitoring the PRPs and monitoring the contractor cleanup efforts. OSC Dodgen maintained contact with the PRPs through the early part of their decision making process. OSC Guerra performed contractor monitoring, as well as monitoring the efforts of the PRPs.

D. Contractors, Private Groups and Volunteers

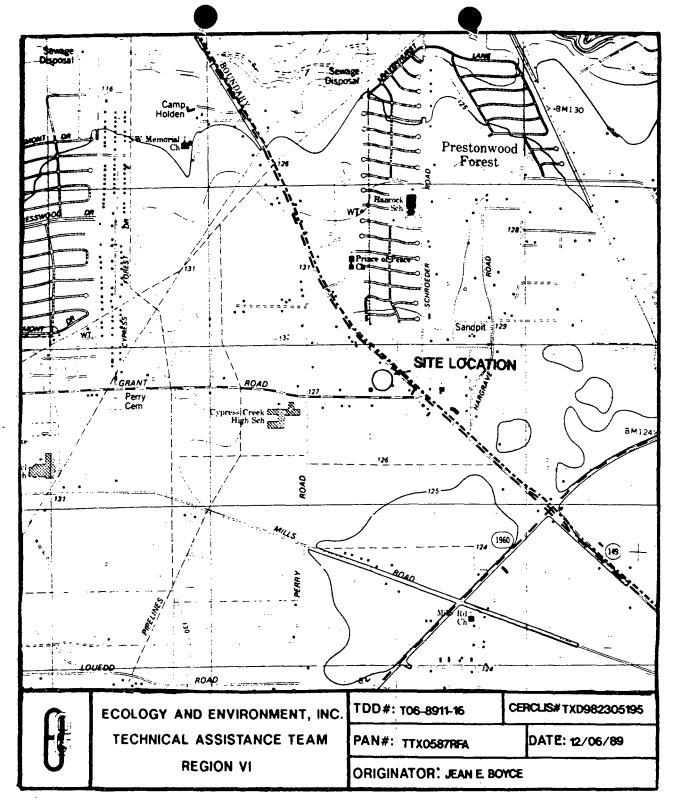
Emergency Response Cleanup Services (ERCS) Contractor provided personnel for the response actions. ERCS also procured the use of on site equipment such as forklifts, a tractor, and a ERCS supplied an emergency response trailer for use bushwacker. command post. ERCS supplied technical expertise for sampling, overpacking, staging, and hazard categorization of all drums on site. ERCS supplied a forced air ventilated fumehood for on-site hazard categorization actions. ERCS procurred analytical for characterizing the waste streams as well as transporter and a contract for off-site disposal of all drums found at the site. ERCS selected appropriate and cost effective disposal options for each waste stream.

TAT provided from one to three personnel for the removal. TAT provided technical and administrative support to the OSC such as preparing and maintaining site records, monitoring and documenting ERCS activities, performing RCMS cost tracking, performing area air monitoring, photodocumentation, and the preparation of site maps and reports.

Difficulties Encountered

Due to the fact that the PRP R.R. Betz had no previous experience in hazardous waste, a longer than normal time was needed in order for them to contract a response action. (OSC input required)

Recommendations (OSC input required)



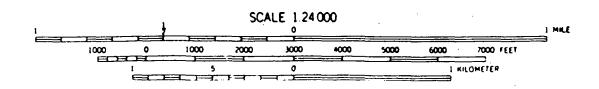
SITE LOCATION MAP

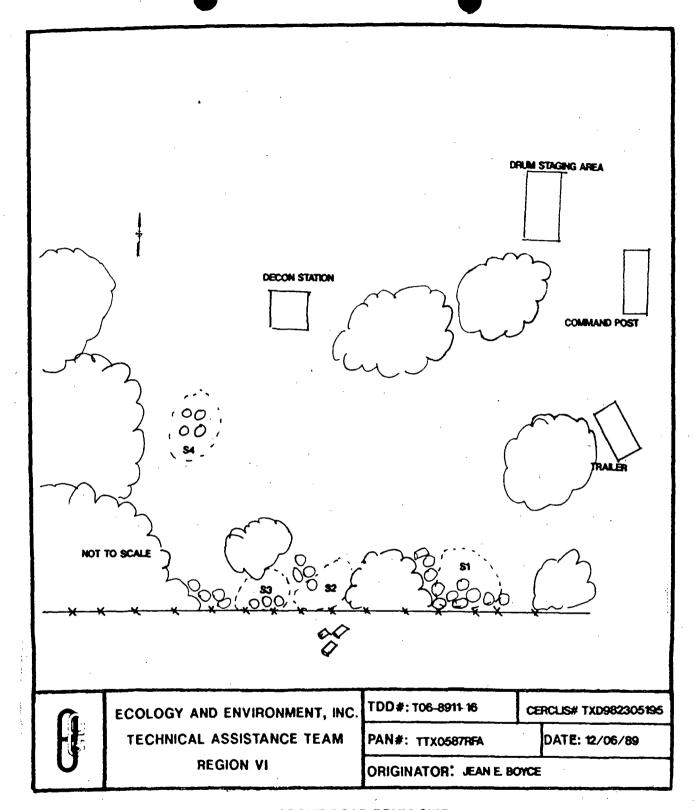
Satsuma Quadrangle

Harris Co. Texas

7.5 Minute Series

GRANT ROAD DRUM SITE
HOUSTON, HARRIS CO., TEXAS





GRANT ROAD DRUM SITE

SITE SKETCH

HOUSTON, HARRIS CO., TEXAS

S1: INDICATES SAMPLE LOCATIONS



TDD#: T06-8911-16 Pg. 1 of 17

PHOTOGRAPHER/WITNESS

4

Boyce/Zeigler

DATE/TIME/DIRECTION

27 November 1989, 1525 hours, West

COMMENTS: ERCS clearing a roadway for

ease of drum staging.



PHOTOGRAPHER/WITNESS

5

Zeigler/Boyce

DATE/TIME/DIRECTION

28 November 1989, 0730 hours, East

COMMENTS: ERCS unloading salvage drums.



TDD#:	T06-8911-16	Pg	2	of	13
	位于1000年已经 1000年度				

PHOTOGRAPHER/WITNESS

6

Boyce/Zeigler

DATE/TIME/DIRECTION

28 November 1989, 0735 hours, West

COMMENTS: Salvage drums staged near the

drums were overpacked.



PHOTOGRAPHER/WITNESS

7

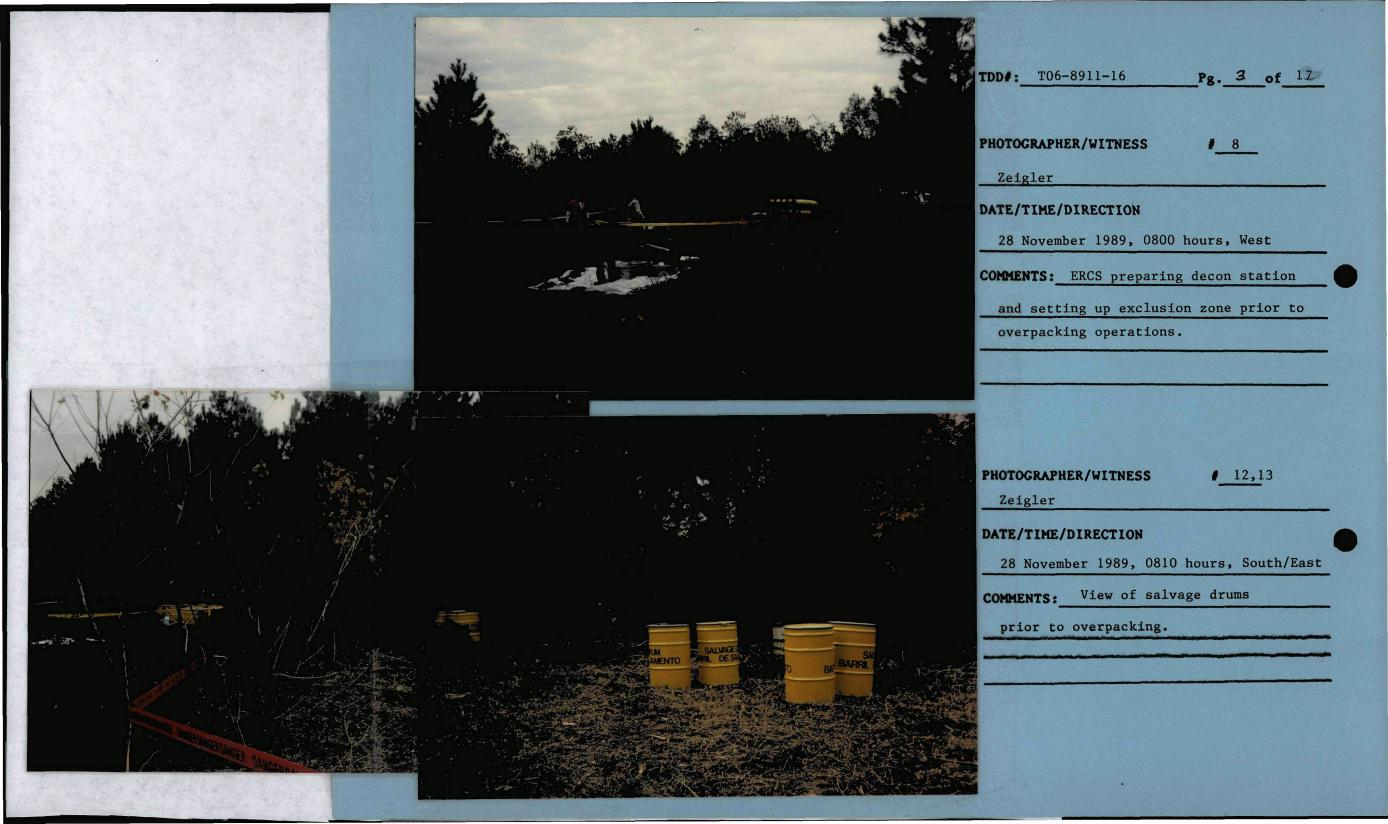
Boyce/Zeigler

DATE/TIME/DIRECTION

28 November 1989, 0735 hours, West

COMMENTS: Salvage drums staged near

drums to be overpacked.





TDD#: T06-8911-16 Pg. 4 of 17

PHOTOGRAPHER/WITNESS

14

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 0834 hours, South

COMMENTS: ERCS preparing for level B

entry into hot zone.



PHOTOGRAPHER/WITNESS

1 15

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 0848 hours, West

COMMENTS: ERCS overpacking a drum.



TDD#: T06-8911-16 Pg. 5 of 17

PHOTOGRAPHER/WITNESS

16

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 1113 hours, South

COMMENTS: ERCS overpacking drums.



PHOTOGRAPHER/WITNESS

17

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 1117 hours, South

COMMENTS: ERCS in decon station after

exiting hot zone.



TDD#: T06-8911-16 Pg. 6 of 17

PHOTOGRAPHER/WITNESS

18

Zeigler/Boyce

DATE/TIME/DIRECTION

28 November 1989, 1240 hours, South

COMMENTS: ERCS removing overpacked

drums to staging area.



PHOTOGRAPHER/WITNESS

26

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 1422 hours, Southwest

COMMENTS: ERCS overpacking drums with

the aid of the fork lift.



TDD#: T06-8911-16 Pg. 7 of 17

PHOTOGRAPHER/WITNESS

₽ 28

Zeigler

DATE/TIME/DIRECTION

29 November 1989, 0812 hours, North

COMMENTS: ERCS opening a drum during

drum sampling operations.



PHOTOGRAPHER/WITNESS

30

Zeigler

DATE/TIME/DIRECTION

29 November 1989, 1435 hours, East

COMMENTS: ERCS Chemist hazard catagorizing

samples of drum contents .



TDD#: T06-8911-16 Pg. 8 of 17

PHOTOGRAPHER/WITNESS

31

Zeigler

DATE/TIME/DIRECTION

29 November 1989, 1510 hours Southwest

COMMENTS: ERCS removing and druming

potentially contaminated soil.



PHOTOGRAPHER/WITNESS

32

Zeigler

DATE/TIME/DIRECTION

29 November 1989, 1545, Southwest

COMMENTS: Site areas number 1 and 2

(see site sketch) after drum removal

and excavation.



TDD#: T06-8911-16 Pg. 9 of 17

PHOTOGRAPHER/WITNESS

34

Zeigler

DATE/TIME/DIRECTION

29 November 1989, 1635 hours, East

COMMENTS: TAT Leshi collecting composite

soil sample.



PHOTOGRAPHER/WITNESS

35

Zeigler

DATE/TIME/DIRECTION

29 November 1989, 1645 hours, South

COMMENTS: Sample area number 3 (see site

sketch) after drum removal and excavation.



TDD#: T06-8911-16	Pg.	10 0	£ 17
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PHO?	TOCK	APHER	WITNESS
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36

Boyce

DATE/TIME/DIRECTION

30 November 1989, 0935 hours, North

COMMENTS: Drums in enclosed area awaiting

analytical results.



TDD#: T06-8911-16 Pg. 11 of 17

PHOTOGRAPHER/WITNESS

19

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 1249 hours, North

COMMENTS: PRP drums (numbers 1, 3, 4,

5) overpacked for disposal.



PHOTOGRAPHER/WITNESS

20

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 1251 hours Southeast

COMMENTS: Drums (numbers 16 and 17) PRP

has overpacked for disposal.



TDD#: T06-8911-16 Pg. 12 of 17

PHOTOGRAPHER/WITNESS

21

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 1254 hours, North

COMMENTS: Drums (numbers 11, 13, 14, 15)

the PRP has overpacked.



PHOTOGRAPHER/WITNESS

22

Zeigler

DATE/TIME/DIRECTION

28 November 1989, 1258 hours, West

COMMENTS: Drum number 6 overpacked

by the PRP for disposal.



TDD#:	T06-8911-16	Pg.	13	of	17

PHOTOGRAPHER/WITNESS

23

Zeigler

DATE/TIME/DIRECTION

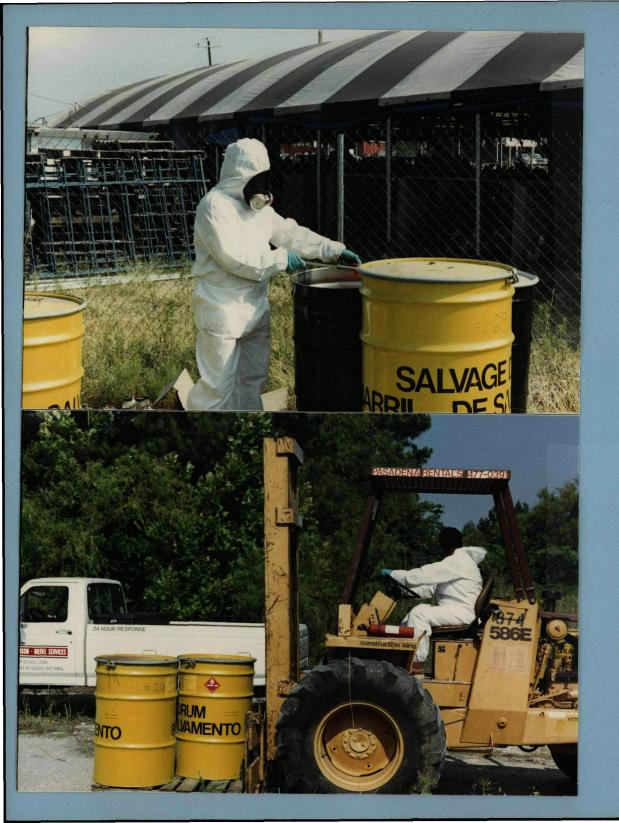
28 November 1989, 1300

COMMENTS: Drums PRP has overpacked for

disposal (numbers 9, 10, and 12).



TDD#: T06-8911-16 Pg. 14 of 17
DUOTOCD A DUED /UVTNECC #
PHOTOGRAPHER/WITNESS #_1-3
Zeigler
DATE/TIME/DIRECTION
19 June 1990, 0935 hours, West to North
COMMENTS: ERCS returning sample jars to
the drums from which they were taken.



TDD#:
PHOTOGRAPHER/WITNESS #_4_
Zeigler
DATE/TIME/DIRECTION
19 June 1990, 0952 hours, North
COMMENTS: ERCS disposing of sample jars.
PHOTOGRAPHER/WITNESS #_5
Zeigler
DATE/TIME/DIRECTION
19 June 1990, 1005 hours. West
COMMENTS: ERCS staging drums for loading
onto the Chem Waste truck.





TDD#: T06-8911-16 Pg. 16 of 17
PHOTOGRAPHER/WITNESS #_6
Zeigler
DATE/TIME/DIRECTION
19 June 1990, 1024 hours, North
COMMENTS: ERCS loading drums onto Chem
Waste truck.
PHOTOGRAPHER/WITNESS #7
DATE/TIME/DIRECTION
19 June 1990, 1024 hours, North
COMMENTS: ERCS loading drums onto Chem
Waste truck.





TDD#: <u>T06-8911-16</u>	Pg. 17	of17_
PHOTOGRAPHER/WITNESS	1 9	_
Zeigler		
DATE/TIME/DIRECTION		
19 June 1990, 1040 h	nours, North	ı
COMMENTS: ERCS loading	og drums ont	o Chem
Waste truck.		
PHOTOGRAPHER/WITNESS	# _8	
Zeigler	-	
Zeigler	-	
PHOTOGRAPHER/WITNESS Zeigler DATE/TIME/DIRECTION 19 June 1990, 1040 b		
Zeigler DATE/TIME/DIRECTION	nours, North	1
Zeigler DATE/TIME/DIRECTION 19 June 1990, 1040 h	nours, North	n co Chem

Net Zeigler
Print Originator's Name
Ecology and Environment, Inc.

RECORD OF COMMUNICATION

Conversation with:	Date 6 / 22/ 90
Name Gary Guerry	Time 3 3 AM/PM
Address EPA	Originator Placed Call
	[] Originator Received Call
Phone 214-655-2275	
(Area Code) (Number)	TDD#PAN#
Subject Grant Road Drum	
Discussion: Gary & refined	Power Pak + Raymond Betz
Discussion: 6 any partied were the 2 PRPs - Right	? Ves
PRP declined to conduct	Renoval
+ Power Pack Bowed out + has	EPA take over - Rift? yes
Do you want me to include the Be	to case in this Report on
Will was need to hold onto it	for future use ?
Include Betz Stuf	1 - yrafitup
	- all in one
	· · · · · · · · · · · · · · · · · · ·
Follow-Up-Action:	
	•
Originator's	Signature:

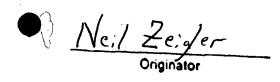
Originator

Conversation with:	Date
Name Gary Guella	TimeAM/PM
Company	
Address	☆ Originator Placed Call
	☐ Originator Received Call
Phone	W.O. NO
Subject _ Grant Rd. TOD # 06-8911-16	
,	
Notes:	
•	6 July 90 (Must be in osc dosk
by Then)	
► THE deliverable To include	
•	r-Action Regoti
	6705
3) Organized	•
- Organiae	3,17,
	
	-
	<u> </u>
☐ File	Follow-Up-Action:
□ Tickle File//	
☐ Follow-Up By:	
☐ Copy/Route To:	
	Originator's Initials

Neil Zeigler
Originator

Conversation with: Name Gary Guerra Company EPA Address	Date 6 /4 98 Time 2PM AM/PM AM/PM Originator Placed Call Originator Received Call
Phone Grant Rd Drum	W.O. NO
Notes: The 9-10 AM - E	ind
After Action Report -dray	It After Action Report
Be on site at 9-	10 AM on 6-19-25
Finish Report By Fri	
Socorro on 6-25	-90
on the deck By T-	8-90
☐ File	Follow-Up-Action:
☐ Follow-Up By:	





Conversation with: Name GARY Guerra Company EPA - Pallas Address Phone Grant Rd TPP expira	
Note: Gary said to extend date from 5-25-90 to are sufficient.	t the TPP expiration. 0 6-25-90. The hours
are sufficient	
	
	Follow-Up-Action:
☐ File	·
☐ Follow-Up By:	-
Copy/Roule To:	,

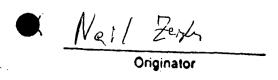
Phone Conver Record from Gory Gurnd
3:30pm. 3-1-90 Grat Rd. - Need to check Status from

f Prums & Check Status of other drams

Betz 19 drams - Betz found 28 drams - US Poit fall to Media Puflic Affairs

Afts How letz had 17-19 downs TASK Recon - Count drams - Verify s. tuation Cleck Condition - Report Status of Media Fly By

Say Guna Home (b) (6)



Conversation with:	Date	
Name Bill leylor	Time_12:30-12:45 AM/PM	
1 A C.T	- Ø Originator Placed Call	
Address		
	☐ Originator Received Call	
Phone 778-9595	W.O. NO	
Subject Grant Rd Pram		
Notes: 6ene Kliewer is No Long Gene is Still involved with	in with EN ACT	
Gene is Still involved with	the gite	
He works for ACS LAB	35.	
- The Wood of Signature		
FITTY IN ALT CONTA AND		
ELTEX was Not Cercla Affra Cene is Presently working with	1 Plling	
Lene is presently working W, 12	Nouin (
	Joyce Stoll JChnell	
B.11 talked with property own	15 & Gene Will continue	
La Hardle the case		
Gene Kliewer 579-88	22 ACS Caboratories	
- Sent William	The Cappellation is	
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ENACT is No Longer involve	of Apparetty but they May	
be intolved in the Future		
v		
□ File	Follow-Up-Action:	
□ Tickle File		
☐ Follow-Up By:		
Copy/Route To:		

Neil Zeigler-Originator

Conversation with:	Date 7 5 90
Name Mark Nichols Company Peterson Riedel	TIme1:0 4AM/PM
Company	Originator Placed Call Originator Received Call W.O. NO. Grant Rd. Pran
Notes: asked Mark for t for 12-19-89 + 1	te 1900-55s and discs. -8-90 a Grat Rd. Pram
He said he sent them to	on to OSC Gary Guerra last week
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· ·	
	·
□ File	Follow-Up-Action:
☐ Tickle File	
Copy/Route To:	

Nel Zeiglin Originator

versation with: 101 Gay Galry	Time: /2:/3 AM(PH)
1 -04	AAAPA
dress:	Originator Placed Call
jects Grant Rd Prum	
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MR. Wieger Should cal	li we should be sail to
notity 6 an	
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Follow-Up By:	•
Copy/Route To:	
Copy/Route 10.	

Subcont. Enact-Hous ton Line Kliewer/ Reps. the Wak Plan is approved. I he activity time notwer. Tuesday - Wednesday Dary Lucka - (a) Hagano. 7 (b) (6) Kliewer - Al left Wedlow Offernoon of 1th

N Zeigh Originator

Conversation with:  Name Gene Kliewer  Company FN TACT  Address  Phone 778 - 95 95  Subject Grant Rd Drum Sit	Date
Notes: Mr. Klieger Said	he was still waiting
on the disposal Co. but	that He would be sure to
giveus a call when they	notify Him
y	
,	
	·
Y	
☐ File	Follow-Up-Action:
☐ Tickle File	
□ Follow-Up By:	
□ Copy/Route To:	

N Ze, les
Originalor

Conversation with:  Name <u>Gary Guerra</u> Company <u>EPA</u> Address	Date 1 22 90 Time 4:10 AM/PM
	Originator Received Call
Phone 505-865-8541 Subject	W.O. NO
Notes: FAX the Corrected AAA	A to Him ctron Meno
Hell Be in NM +ill F	
When they ready to dispo + document well.	
a Notity OSC	
Call Mork N: chals a	efant 1900-55 & Piscs
FAX 505-865-	
□ File	Follow-Up-Action:
☐ Tickle File/	
Copy/Route To:	

Mostfood Originator

Conversation with:	Date_0/
Name Gene Kliewer	Time3 :10AM(PM)
Company ENACT	
Address Houston TX.	Originator Placed Call
	☐ Originator Received Call
Phone 778-9595	W.O. NO
Subject Grant Road Drum Sile	- Drums Removal for Disposa
Notes: Mr. Kliewer said that	he had not heard from the what the
drums can be shipped	DIC Story By 15
facilities. He said the	
find out what the hol	
he would contact TAT	LESHI With his findings
	made available. He also
Suggested that I She	ould feel free to call back
to check on him should	I not hear from him pretty
5000.	
□ File	Follow-Up-Action:
☐ Tickle File	
☐ Follow-Up By:	
□ Copy/Route To:	
O OAPINIOUS IS	

Jan Hogue; Sary Swerra Says to extend the Shant Rd. TDD to Mid Merch.

Doyce

Faxed copy of report to. Oring by Shand Rd Sete - Check on drums & fence to make sure there are no problems. If any troubles. Call Sary Lucera 1-505-865-8541

To: John Hogne From: J. Borgee

Subject: Thank Road.

I just want to keep you infamed on the Grand load status. Lary Lucia is in n. m on and off This mouth. He left me the responsibility of dealing with the subcontracter - Enact sin setting up a date, it may or may not be this week, he will each me when he has it set up. also Lary wants us to hold off on submittee the after action memo until all the removal is completed Which may be after Jan 30. (The date of completies on the TDD). To as we approach the 30 m we may have to ask farenextension. (Lang knows

Boyce
Originator

Conversation with:	Date 12 28 87
Name Mary Street	TImeAM/PM
Company	
Address	Originator Placed Call
	Originator Received Call
Phone 214-742-6601	W.O. NO.
Subject Shanded PRP	
Subject 2022	
Notes:	
Sary of casted I return	and the paid - he intermed
me Was the PPP 114	10 are vil & him of the
18 dhuma Vall had one	Dackell & The work only
The william of the	Maria allegan
was approved the	Succession to
- macs, me comac	1013 TERO Secuer
The prone number	(7/3) 7/8-9395.
I am to be in/le	och with Mr. Kliewer
to set up when the	e removal will take plus
sarry St. well be	at Pagano plane!
1 (505) 865-8	541. Report (after
action Memo) - who	uld include all
removal activities	
	,
	<del></del>
□ File	Follow-Up-Action:
☐ Tickle File	Carl Mr. Kliewer
Collow-Up By: Soyu	
☐ Copy/Route To:	
•	

J. Boyce
Originator

Conversation with:	Date 12,28,89
Name Here / wewer	Time 600 AM/PM
Company Cnack	
Address Houston	_ Coriginator Placed Call
	☐ Originator Received Call
Phone 778-9595	W.O. NO
Subject Land Rd HALLEM	wal
Notes: Os per Starry &	ultra instruction
I contacted I line	Kliver of Enach.
We discussed to	ri plan fa removal -
he west thech	the schedule & Ded
a time up & give	ma a call &
several says I	ead time if possible
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Cello	/ Follow-Up-Action:
☐ Tickle File	Expredire Care from
Follow-Up By: Sorge	him with date of
	aexim
Copy/Route To:	

Jun Barron Originator

Company <u>EPA Region II</u> Address <u>Dallas Texas</u> Doriginator Placed Call  Originator Received Call	Conversation with:	Date_/ \( \subseteq \subseteq \text{08} \subseteq \text{87}
Address Dallas Texas Boliginstor Placed Call    Originstor Received Call   Originstor Received Call   Phone (214) 655-2270 W.O. NO.  Subject Affer Action Memoranium.  Notes: I rawed CSC Sheers inquiring about a rope of an lafter action Memoranium.  Notes: I rawed CSC Sheers inquiring about a rope of the State has been been been been been been been bee	110	
Phone (2/4) (55-2270 W.O. NO.  Subject After Action Memorandum  Notes: I caud (350 Xenera inquiring about a repy of and after action Memorandum  Notes: I caud (350 Xenera inquiring about a repy of and after action Memorandum  A repy of and after action Memorandum  Notes: I caud (350 Xenera inquiring about 1 for the Start of the	Company EPA Region III	<del>-</del> • /
Phone (214) (55-2270  Subject After Action Memorandum  Notes: I caud QSC Sheera inquiring about a copy of an after action Memorandum  Notes: I caud QSC Sheera inquiring about a last specific he had specified he will seem an example of the stayle he had specified he what time to pull some transples together. We discussed that I should not have sheet as PRP information and rolls. The also said that next week he PRP firsting up the drums. He was acres up next week to tall us what aster.  I will lace him to discuss if he wants tripory in hard copy or in world stayles on a disket of he would he want to shad a put to the wants that he want to add a put to the want to hark that he want to add a put to the want to hark that he want to add a put to the world the me to heave must blank that he want to add a put to the world to the world to the me to heave must blank that he want to add a put to the world to the week alled to the put to the	Address Dallas TEXAS	G Originator Placed Call
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Notes: I caud 950 xlears inquiring about  a copy of an after action Memo. He had specified the Sund as an example of the stays he liked to  see them written in the had not yet had time to gull some examples together. We dispensed the draft I'm working on and that I should the draft I meet week to get information and rolls. He also said that any week he perking up the dreems. He were case up next week to tall us what acto.  I will lase him to discuss if he wants tripory in hard copy or in world star on a disket; he would like me to leave mean blank that he and to add input to.  O Tickle File  O Follow-Up By:  D Follow-Up By:	All A Vine Whome	randum
a copy of an after action Memo, he had god hill sund as an gamper of the state he had by he filed to be from written in the had not yet had time to sull summer survey popular. We appearance that I should save from new week to get information and rotts. He also said that new inject he would need a TAT to observe the PRP finling up the dreims. He were care us new week to trul care what dotte.  I will care him to discuss if he wants triport in hard cary or in world start on a disket to he would like me to leave areas blank that he runs to add input to.  Tickie File    Tickie File   Last Week Week allers of the popular to.		
Lhe draft I'm working or and that I should call him have - Such as PRP information and colds.  He also said that next week he would need a TAT to observe the PRP perking up the dreims. He was care us next week to sail us what date.  I will care him to discuss if he wants riport in hard copy or in world star on a discuss in he wants riport he would like me to leave areas blank that he needs to add input to.  BFIII Tickle FIII	Notes: I carred Q5C Mus	era inquiring about
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dois have - Such as PRP information and rotts.  He also said that new I week he would  need a TAT to observe the PRP perking  up the drums. He were care us next week  to tall us what doto.  I will care him to discuss if he wants report  in hard copy or in world start on a dishert -  he would like me to leave areas blank that he  nuds to add input to.  Follow-Up-Action:  Gall Structure -  perfectly of the structure of the struct	The draft I'm worker	a on and that I should
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pelda TAT to observe the PRP perhing  up the drums. He were care us next week  to tall us what date.  I will care him to discuss if he wants triport  in hard copy or in world star on a disket;  he would like me to have areas blank that he  ruds to add input to.  Pollow-Up-Action:    Tickle File   Lale I Stuerra -  O Follow-Up By:  next week relate of	derit have - Such as	PRI information and costs.
In hard copy or in World Star on a disket -  he would like me to leave areas blank that he  nuds to add input too.  Follow-Up-Action:  Tickle File  Follow-Up By:  play week relief of the	He also Said that	rex week he would
In hard copy or in World Star on a disket -  he would like me to leave areas blank that he  nuds to add input too.  Follow-Up-Action:  Tickle File  Follow-Up By:  play week relief of the	need a TAT to obse	we the PRP picking
In hard copy or in World Star on a disket -  he would like me to leave areas blank that he  nuds to add input too.  Follow-Up-Action:  Tickle File  Follow-Up By:  play week relief of the	up the drums. He we	wale us next week
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Follow-Up-Action:    Tickle File	he would like me to	have areas blank that he
Follow-Up-Action:  Tickle File  Follow-Up-Action:  Mall Statesta  next week relief of the part of the	rudo to add input too.	
Follow-Up-Action:    Tickle File		
□ Tickle File Call Huerra - □ Follow-Up By: next week release or		
□ Tickle File Call Streets	DFIIO	Follow-Up-Action:
□ Follow-Up By:	<del></del>	Call Y. Juerra -
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on how the along on Repart For	Copy/Route To:	The following week depinds
		_ on how for along on Repart I'm

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2	1A. Cost Center:		•	TAT ZONE II C	ONTRACT	2. No.	: T06-8911-16
	TS1312 .		CONTRACT NO. 68-01-7368			100-0911-10	
	1B. Account No.:		TECHNICAL DIRECTION DOCUMENT (TDD) AY 30 195				
	TTX0587RFA		ECOL	DGY AND ENV	IRONMENT, INC.		C dment
	DA Direiau	4A. Estimat		5A. EPA Site Na			7. CERCLIS ID:
130 E	3A. Priority  High	4A. Estimat	e or	1	me. ad Drum Sic÷		1
	Medium	(D)	(4)				TmD932305195
3	Low			5B. SSID No.:	5C. City/County/State:		8. Completion Date:
	3B. Key EPA Contact:	4B. Over-	4C. Non-	G2	Houston, Harris Co	., TX	25 June 90
	Name: Guerra	time	dedicated	6. Source of Fund	ds:  ☐ Other		
	_	Approved:	Approved:	XCERCLA 311		<del></del>	8A. Reference Info:
	Phone: x2270	□No	□No	UST			No □ Pick-up
	9. Type of Activity:	A-311	CI	ERCLA	AS SPECIF	ED ARO	VE
	SPCC	H-311_		Assessment	Special Project		uality Assurance
	On-Scene f			oval Funded oval PRP (AO/CO)	Analytical Project	Tr.	aining
	Spill Clean	up Funded		ite Monitoring	Preparedness UST	Pro Te	ogram Management chnical Assistance
	•				FEMA		formation Management
		. Ass	ist OSC	with emergenc	y removal action at	this	11. Desired Report
	10. General Task Descript drum site in fa	ion:					Form:  Formal Report
				<del></del>		<del></del>	Letter Report
						Formal Briefing  Souther (Specify)	
			ed to ex	tend completi	on date. Original T	מס	
	specific eleme	ents:			·		Draft After
	1. Maintain a	ll pertin	ent fina	ncial and adm	inistrative document	s	Action Report
					d printer for RCMS a		13. Interim Deadlines:
	POLREPS						N/A
	2. Monitor co	ntractor	activiti	es and mainta	in all pertinent log	books	· <del></del>
	for cost r						
				rmatory soll	samples in areas tai		
			er court	matury surr	sembres in great (g)	nced	·
: 2	by drum wa		<u> </u>				·
	4. Provide ai	r monitor	ing as ne	eeded (HNU, O	VA, explosimeter)		<u> </u>
							-
244							
	14. Authorizing DPO:	<del></del>		> 10 ·	0.0		15. Date:
				J. Chus	Petersen		5/18/90
	<del></del>	$ \wedge$		(Signatur	<del></del>		3/10/10
	16. Received by:	(ccepted)	A∞	epter with Excepti	ions (Attached)	Rejected	17. Date:
	<u></u>	1 (17) (15) (15) (15) (15) (15)	<del>~ (</del>	(TATL Signat	ture)		5/19/90
5.50					مستنب فينسمون والأرابان		

1. 2 . 2						
1A. Cost Center:		TAT ZONE II CONTRACT 2. No.:				
TS1312				T 0	06-8911-16	
1B. Account No.:		TECHNICAL DIRECTION DOCUMENT (TDD)				
TTX0587RFA		ECOL	OGY AND ENV	IRONMENT, INC.	Amend	dmentB
3A. Priority	4A. Estima	ite of	5A. EPA Site N	ame:		7. CERCLIS ID:
X High	(b)	(4)	Grant R	Road Drum Site		TXD982305195
Medium		( ' '	5B. SSID No.:	5C. City/County/State:		8. Completion Date:
Low	40.0	46.1	G2	Houston, Harris Co.,	TX	25 May 90
3B. Key EPA Contact:	4B. Over- time	4C. Non- dedicated	6. Source of Fur	nds: Other		
Name: Guerra	Approved:	Approved:	☐ CERCLA			8A. Reference Info:
Phone: x2270	⊠ Yes □ No	⊠ Yes □ No	☐ 311 ☐ UST	<del></del>		☐ Yes ☐ Attached ☐ No ☐ Pick-up
9. Type of Activity:	A-311	CI	ERCLA	AS SPECIFIE	ED ABO	VE
SPCC		Site A	Assessment	Special Project		iality Assurance
On-Scene I	Monitoring -up Funded		oval Funded oval PRP (AO/CO)	Analytical Project Preparedness		aining ogram Management
Spin Clean	-up runueu		ite Monitoring	UST	Tec	chnical Assistance
				☐ FEMA	Inf	formation Management
10. General Task Descript	tion: Ass	sist OSC w	ith emergenc	y removal action at t	his	11. Desired Report
drum site in fa				<u> </u>	,	Form: Formal Report
Trum Site in it	1111 1100				<del></del>	Letter Report
					Formal Briefing  X Other (Specify)	
12. Specific Elements: TDD amended to extend completion date. Original TDD						
specific elemen	nts:					Draft After
1. Maintain all pertinent financial and administrative documents				Action Report		
in a format defined by ERB - computer and printer for RCMS and					13. Interim Deadlines:	
POLREPS				1		
			s and mainta	in all pertinent logb	<u>ooks</u>	N//
for cost recovery purposes					<del></del>	14/7
3. Be prepared	d to gath	er confir	matory soil	samples in areas tain	ted	
by drum was	stes				<del></del>	
4. Provide aim	r monitor	ing as ne	eded (HNU, O	VA, explosimeter)		
					<del></del>	
					<del></del>	
			· · · · · · · · · · · · · · · · · · ·		· · ·	
14. Authorizing DPO:	<del></del>		\(\alpha\)\(\begin{array}{cccccccccccccccccccccccccccccccccccc	)+-	-	15. Date:
	<del></del>		Signatu	etusen		3/16/90
16. Received by:	Ccepted	☐ Acc	epted with Excep	<b>11</b> 11	ejected	17. Date:
	m part	argicos	(TATL Signa			4/3/50
Distribution:			(TATE Signa	ature/		T007088

Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6

White DPO Copy
Blue TATL Copy
Green ZPM Copy
Canary PO Copy
Pink CO Copy
Goldenrod DPO Original (Unsigned by TATL)

1A. Cost Center:			TAT ZONE II C	CONTRACT	2. No.:	
TS1312	CONTRACT NO. 68-01-7368			T06-8911-16		
1B. Account No.:				N DOCUMENT (TDD) FEB	08 1	<b>190</b>
TTX0587RFA		ECOL	DGY AND ENV	IRONMENT, INC.	14085	A dement
3A. Priority	4A, Estimat		5A. EPA Site N		11000	7. CERCLIS ID:
X High	4A. Estimat	e or		ame. Id Drum Site		
Medium		(4)		<b>.</b>		TXD982305195
Low		- /	5B. SSID No.:	5C. City/County/State:		8. Completion Date:
3B. Key EPA Contact:	4B. Over-	4C. Non-	G2	Houston/Harris/TX		16 March 90
Name: Guerra	time	dedicated		nds: , 🗌 Other		8A. Reference Info:
1441116:	Approved:	Approved:	X CERCLA		<del></del>	Yes Attached
Phone: x2270	□No	□No	UST	<del> </del>	<del></del>	⚠ No ☐ Pick-up
9. Type of Activity:	A-311	C	RCLA	AS SPECIFI	ED ARO	VE
SPCC	A-311		Assessment	Special Project		v L nality Assurance
On-Scene I	Monitoring		val Funded	Analytical Project	🔲 Tra	aining
Spill Clean	-up Funded		val PRP (AO/CO) ite Monitoring	Preparedness UST		ogram Management chnical Assistance
				FEMA		formation Management
` .	. Ass	sist OSC	with emergen	cy removal action at	this	11. Desired Report
10. General Task Descript drum site in				3, 1320.22 2020 40		Form:
didm site in a	Lat NW HOC	iston.		· · · · · · · · · · · · · · · · · · ·		Formal Report Letter Report
<del></del>						Formal Briefing
12. Specific Elements:	TDD amend	led to ex	tend complet	ion date.		Other (Specify)
Original TDD s			-			
l. Maintain a	all pertin	ent fina	ncial and ad	ministrative document	<u> </u>	
<del></del>				nd printer for		
RCMS and I		- 07_ 210	Compacer a	nd princer for	<del></del>	13. Interim Deadlines: Draft After
		activiti	es and maint	ain all pertinent log		
<del></del>	<del> </del>		<del></del>	ath all percinent log		Action Report
books for						
			rmatory soil	samples in areas		
tainted by	drum was	tes.				
4. Provide ai	r monitor	ing as n	eeded (HNU;	OVA; explosimeter)		
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14 Authorizina DBO:			$\bigcirc$ 10	<i>(</i> ) •	<del></del>	15. Date:
14. Authorizing DPO:			1 Chi	s Petersen		
			(Signatu			1119/90
16. Received by:	Accepted)//	. □ A	epted with Except	tions (Attached)	ejected	17. Date:
·	- Wi	n ( )	(TATL Signa	ature)		2/6/90
Distribution:			(IAIL Signa	ILGIG/		T007088
	PO Conv			•	•	

White DPO Copy
Blue TATL Copy
Green 2PM Copy
Canary PO Copy
Pink CO Copy
Goldenrod DPO Original (Unsigned by TATL) Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6

Hogue

1A. Cost Center:			AT ZONE II CO		2.	. No.:
TS1312			ONTRACT NO. (	58-01-7368 DOCUMENT (TDD)	•	T 06-8911-16
1B. Account No.:	Ì	· .		RONMENT, INC.		
TTX 0587 RF F	4	20020		V	0V \$8	Sm <b>tggg</b> ent
3A. Priority	4A. Estimat	e of	5A. EPA Site Nai		-/ 00	7. CERCLIS ID:
High	(h)	$(\Lambda)$	GRANT RI	DRUM SITE	(C)2	TXD982305/95
☐ Medium		(4)	5B. SSID No.:	5C, City/County/State:		8. Completion Date:
Low	42.0	10 11	G2	Houston Herry	3/7	X 30 JAN90
3B. Key EPA Contact:	4B. Over- time	4C. Non- dedicated	6. Source of Fund	ls: Other	<del></del>	1 30 JAJV 10
Name: GVE/19	Approved:	Approved:	CERCLA			8A. Reference Info:
Phone: ¥ 227¢	☑Yes ☐ No	☐ Yes ☐ No	∐ 311 ∐ UST			— Yes ☐ Attached  No ☐ Pick-up
9. Type of Activity:		or	DOL A	A.C. CDE	015150	40072
SPCC	<u> </u>		RCLA ssessment	Special Project	CIFIED	Quality Assurance
On-Scene M		Remo	val Funded	Analytical Project	· ]	Training
Spill Clean-	up Funded		val PRP (AO/CO) te Monitoring	Preparedness UST	<u> </u>	Program Management Technical Assistance
			<b>.</b>	FEMA	Ì	Information Management
	N	ext 16	c with	EMERGENCU	remo	11. Desired Report
10. General Task Descripti	on: 177	, _/_/	Site 1	o far Ni	1 1/2	——————————————————————————————————————
_A(M) OF		grum	3//6 /	) far IVV	J MOC	Formal Report Letter Report
				·	·	Formal Briefing Other (Specify)
12. Specific Elements:			0 1			DRAFT.
· Maintain a	ll œctiv	rent t	inancial y	adm/n/st/ati	VE	AFTER ACTION
document	15 In	a for	nat defi	ned by ER	3	REPORT
- Comou	for &	Dointer	- Ly DC	MS & POLRE	PS	13. Interim Deadlines:
* Manifec Co	steerto	action	ties of n	witch all or	rtine	1 1/1/100
to book	- 4-10		+ Paris	Pelo Success	· ////	1721/01
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· Provide air	monito	I'M A	s needed	[HoV: OVA;	EXOK	sincter)
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14. Authorizing DPO:		•	O(n)	1)-4-		15. Date: ,
	٠.		J'Mis	Vellisen		_ 11/72/09
<u>₩</u>		1-	(Signature			11/2401
16. Received by:	ccepted	Agai	epted with Exception	ons (Attached)	Rejec	
· · ·			(TATL Signat	ure)	·	_ 11/22/89
Distribution:						T007088
Sheet 2 Blue - TA	O Copy TL Copy M Copy				Hoo	ue
Sheet 4 Canary - PO	Copy Copy			/	Hora	A )
Sheet 6 Goldenrod - DP		signed by TAT	L)	(	Hous	ton )